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January 19, 2007

Department of Environmental Protection Northeast Regional Office 205B Lowell Street Wilmington, MA 01887

Attention:

John Carrigan, Section Chief

Reference:

Crow Lane Landfill, Newburyport, MA

File/Transmittal No. W046210

Dear Mr. Carrigan:

On behalf of our client, New Ventures Associates, LLC, we are submitting revised and supplemental drawings associated with the Amended Corrective Action Design (CAD) prepared for the Crow Lane Landfill. The drawings have been developed and finalized following a geotechnical stability analysis conducted by GeoComp. Corp. for the perimeter berm which surrounds the Landfill.

The final design of the perimeter berm consists of three stages of berm construction along the westerly and southerly slopes of the Landfill. Stage 1 work consists of filling the perimeter berm to the existing berm grades. The base of the outside slope has been established and is shown on Drawing No. 11, Perimeter Berm Construction – Stage 1 Preparation Plan. All grading will be conducted inside the existing haybale line on the westerly side of the Landfill and within the property line on the southerly side of the Landfill. The outside slope will be graded at 1.5H: 1V and the fill material will be compacted in controlled lifts. When Stage 1 elevations are met, the top of the berm shall be uniformly graded level and compacted.

Stage 2 work consists of continuing controlled filling operations to achieve Stage 2 grades, which are shown on Drawing No. 12, Perimeter Berm Construction – Stage 2 Preparation Plan. The outside slope of 1.5H: 1V shall be maintained and, once Stage 2 elevations are met, like Stage 1, shall be uniformly graded and compacted. The completion of Stage 2 will form the platform for the construction of a mechanically stabilized earth (MSE) berm.

Stage 3 work consists of the construction of the mechanically stabilized earth (MSE) berm atop of the level area formed during Stage 2. The MSE berm will consist of alternating layers of HDPE structural geogrid and clean structural fill material. The geogrid will be installed in vertical intervals of eighteen (18) inches. The outside slope of the MSE berm will have a slight inward slope and the top of the berm will tie in with the original proposed grades for the top of the perimeter berm. These grades are shown in Drawing No. 13, Perimeter Berm Construction – Stage 3 Preparation Plan.

Below is a summary of the drawings enclosed with this letter:

- > Revised Title Index and Locus (Drawing No. 1)
- Revised Final Grading & Stormwater Management Plan (Drawing No. 3)
- Revised Final Cover System Details & Stormwater Management System Details 1
 (Drawing No. 5)
 Revised Landfill Cross-Sections and Perimeter Access Road / Berm Detail
 (Drawing No. 6)
- ➤ Perimeter Berm Construction Stage 1 Preparation Plan (Drawing No. 11)
- Perimeter Berm Construction Stage 2 Preparation Plan (Drawing No. 12)
- Perimeter Berm Construction Stage 3 Preparation Plan (Drawing N. 13)
- Westerly Perimeter Berm Construction Sections and Profile (Drawing No. 14)
- Southerly Perimeter Berm Construction Section and Profile (Drawing No. 15)

Also enclosed is correspondence from GeoComp. Corp. concerning their review of the perimeter berm design along with the results of existing berm material strength testing. Geocomp. Corp. will be completing a final letter for the perimeter berm analysis and design along with technical specifications and construction quality assurance recommendations for submission next week.

If you have any questions regarding this matter, please do not hesitate to contact me.

Sincerely yours,

SITEC Environmental, Inc.

Michael Quatromoni Senior Project Manager

cc:

City of Newburyport, MA

J. Morris, Health Department

Muhae l'Suctions.

T. Peter, Conservation

W. Thibeault

S. Trettel, PE

R. Nylan, Esq.